

Recording Studio Design

Recording Studio Design, Fourth Edition explains the key principles of successful studio design and construction using straightforward language and the use of practical examples appreciated by readers of previous editions. Updated to reflect new industry standards, this fourth edition addresses improvements in cinema sound, with specific attention paid to B-chain electroacoustic response and calibration. Using over 50 years' experience, author Philip Newell provides detail on the practical aspects of recording in various environments, not only exploring the complex issues relating to the acoustics but also providing real-world solutions. While the book contains detailed discussions about performing rooms, control rooms, and mobile studios, concepts of the infrastructures are also discussed, because no studio can perform optimally unless the technical and human requirements are adequately provided for. In this new edition, sound for cinema provides a platform for highlighting many, wider electroacoustic topics in a way that is relatively easy to visualise. The way in which sound and vision interact is an important aspect of many modern multimedia formats. The new edition includes: - A new Chapter 22 that will thoroughly reflect recently published SMPTE investigations which will drastically impact standards for cinema sound; - The inclusion of new academic research and its practical applications; - An entire new illustrated chapter on room construction principles; and - The consolidation of ideas which were only emerging when the earlier editions were published.

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